

ATTUNE TROUBLESHOOTING GUIDE



CLOG SUSPECTED

Step 1: Contrad Rinse

- 4 mL of 20% Contrad
- 1000 μ L/min, 3000 μ L acquisition vol
- Run 2-3x

Step 2: Quick Deep Clean

- Use 20% Contrad instead of Bleach

Step 3: Thorough Deep Clean

- Use 20% Contrad instead of bleach
- Run Thorough Shutdown with 20% Contrad



IMPORTANT: If clog persists, **CONTACT STAFF IMMEDIATELY.** Do not perform additional troubleshooting

OTHER COMMON ERRORS

LEAK DETECTED:

Check fluidics bottles. Ensure fluidics tray is dry

SAMPLE PUMP ERROR:

Rinse instrument. Perform Startup if necessary. Contact staff immediately.

BUBBLES DETECTED (AAS):

Switch from V-bottom to U-bottom plates. Visit validated plate list on FCCF website.